

16085 U.S. PTO  
07/14/03

## UTILITY APPLICATION

Attorney Docket No.: ASMINT.048AUS  
First Named Inventor: Liu Zhenduo  
Title: HYBRID CASCADE MODEL-BASED PREDICTIVE  
CONTROL SYSTEM  
Express Mail Label No.: EV 319020610 US

Direct all correspondence to Customer No.: 20995

Date: July 14, 2003  
Page 1 of 2

03806 U.S. PTO  
10/619383  
07/14/03

**Mail Stop Patent Application**  
United States Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Liu Zhenduo	2. Frank Huussen
3.	4.

### APPLICATION ELEMENTS:

(X) Specification in 41 pages.  
(X) Drawings in 22 sheets.

### CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Non-Provisional of	60/427,143	11/14/02	Pending

### OTHER APPLICATION PARTS:

(X) Return prepaid postcard.

<b>UTILITY APPLICATION</b>	Attorney Docket No.: <b>ASMINT.048AUS</b> First Named Inventor: <b>Liu Zhenduo</b> <b>Title: HYBRID CASCADE MODEL-BASED PREDICTIVE CONTROL SYSTEM</b> Express Mail Label No.: <b>EV 319020610 US</b>
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**FILING FEES:**

<b>FEE CALCULATION</b>				
<b>FEETYPE</b>		<b>FEECODE</b>	<b>CALCULATION</b>	<b>TOTAL</b>
Basic Utility		1001 (\$750)		\$750
Non-English Spec.		1053 (\$130)		\$0
Recordation Fee		8021 (\$40)	x 40 =	\$0
Excess Claims > 20	44 - 20 = 24	1202 (\$18)	24 x 18 =	\$432
Independent > 3	5 - 3 = 2	1201 (\$84)	2 x 84 =	\$168
Multiple Claim		1203 (\$280)		\$N/A
			<b>TOTAL FEE DUE</b>	<b>\$1350</b>

(X) The total fees calculated above will be paid at a later date.

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*Lee W. Henderson, Ph.D.*

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## **CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No. :** ASMINT.048AUS

**Applicants :** Zhenduo et al.

**For :** HYBRID CASCADE MODEL-BASED  
PREDICTIVE CONTROL SYSTEM

**Attorney :** Lee W. Henderson Ph.D.

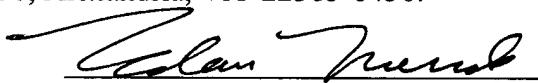
**"Express Mail"**  
**Mailing Label No. :** EV 319020610 US

**Date of Deposit :** July 14, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 41 pages; 22 sheets of drawings; Return  
Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Nelson Merida

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